

Title (en)
COMMUNICATION SYSTEM

Title (de)
KOMMUNIKATIONSSYSTEM

Title (fr)
SYSTÈME DE COMMUNICATION

Publication
EP 3179762 A4 20180307 (EN)

Application
EP 15830553 A 20150803

Priority
• JP 2014160482 A 20140806
• JP 2015071932 W 20150803

Abstract (en)
[origin: EP3179762A1] A communication system is provided that can improve the communication capability of a communication terminal device in the case where a large number of small cells in addition to a macro cell are installed and operated. A communication terminal device (UE) (105) is connected with a macro cell configured by a MeNB (103) and a small cell configured by a SeNB (104), so that dual connectivity is performed. When receiving information for small cells, for example, emergency information from a CBC (101) via an MME (102), at least one cell of the macro cell and the small cell notifies the communication terminal device connected with the at least one cell of the information for small cells.

IPC 8 full level
H04W 4/06 (2009.01); **H04W 4/90** (2018.01); **H04W 72/04** (2009.01); **H04W 84/10** (2009.01)

CPC (source: EP US)
H04L 5/001 (2013.01 - EP); **H04L 5/0098** (2013.01 - EP); **H04W 4/06** (2013.01 - EP US); **H04W 4/90** (2018.01 - EP US);
H04W 16/06 (2013.01 - US); **H04W 16/32** (2013.01 - EP US); **H04W 72/04** (2013.01 - EP US); **H04W 84/10** (2013.01 - EP US);
H04L 5/0051 (2013.01 - EP); **H04W 4/025** (2013.01 - EP)

Citation (search report)
• [X] WO 2014109603 A1 20140717 - LG ELECTRONICS INC [KR]
• [X] US 2011237218 A1 20110929 - AOYAMA TAKAHISA [JP], et al
• [A] ALCATEL-LUCENT ET AL: "Routing of PWS messages to HeNBs", vol. CT WG4, no. Phoenix; 20140519 - 20140523, 23 May 2014 (2014-05-23), XP050810612, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/tsg_ct/WG4_protocollars_ex-CN4/TSGCT4_65_Phoenix/Docs/> [retrieved on 20140523]
• See references of WO 2016021541A1

Cited by
EP4007353A4; CN113196816A; WO2020089438A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3179762 A1 20170614; EP 3179762 A4 20180307; CN 106576255 A 20170419; CN 106576255 B 20210323; CN 113055871 A 20210629; CN 113055871 B 20230919; EP 3806504 A1 20210414; EP 4221055 A1 20230802; JP 2020198647 A 20201210; JP 2022141780 A 20220929; JP 6765304 B2 20201007; JP WO2016021541 A1 20170518; US 10136329 B2 20181120; US 10327128 B2 20190618; US 11051155 B2 20210629; US 2017215078 A1 20170727; US 2019037382 A1 20190131; US 2019261155 A1 20190822; US 2020120472 A1 20200416; US 2021289335 A1 20210916; WO 2016021541 A1 20160211

DOCDB simple family (application)
EP 15830553 A 20150803; CN 201580042234 A 20150803; CN 202110260766 A 20150803; EP 20211310 A 20150803; EP 23164652 A 20150803; JP 2015071932 W 20150803; JP 2016540215 A 20150803; JP 2020152842 A 20200911; JP 2022112291 A 20220713; US 201515324957 A 20150803; US 201816150608 A 20181003; US 201916398604 A 20190430; US 201916712283 A 20191212; US 202117333866 A 20210528